

Sub
D1
concluded
C1
amended

U.S.S.N. 08/259,321
FILED: JUNE 10, 1994
AMENDMENT

thrombin-thrombomodulin, and wherein the antibody and antibody fragment are [is]
expressed in bacterial cells or contains human amino acid sequence.

C2

7. (amended) The antibody of claim 1 having a detectable [lable] label directly
bound to the antibody.

Sub
D3
C3

14. (three times amended) A method of making a recombinant Ca^{2+} dependent
monoclonal antibody [immunoreactive with a first] which binds an epitope in the activation
peptide region of the heavy chain of Protein C defined by E D Q V D P R L I D G K
(Sequence ID No. 1) [in combination with a second epitope consisting of] and calcium ions,
where the antibody inhibits Protein C activation by thrombin-thrombomodulin, by expressing
nucleotide [sequence] molecules encoding the hypervariable region of the heavy and light
chains of the monoclonal antibody expressed by the hybridoma deposited with the American
Type Culture Collection as ATCC No. HB 9892 in bacteria.

Sub
D4
C4

17. (three times amended) The method of claim 14 further comprising inserting
human antibody amino acid sequence into the antibody in the constant domain or framework
regions of the variable domain.

C5

18. (amended) The method of claim 14 further comprising directly binding
detectable [lable] label to the antibody.